

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of  
Hayashi et al.

Serial No. (not assigned)

Examiner (not assigned)

Filed concurrently herewith

Art Unit (not assigned)

For MAGNETORESISTIVE EFFECT SENSOR, METHOD FOR  
MANUFACTURING A MAGNETORESISTIVE EFFECT SENSOR,  
MAGNETORESISTIVE DETECTION SYSTEM, AND MAGNETORESISTIVE  
RECORDING SYSTEM

Assistant Commissioner of Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Prior to calculation of the filing fee, Applicant wishes to amend the application  
as follows:

In the Claims:

Please amend claim 3 as follows (a marked up version of claim 3 being  
appended hereto):

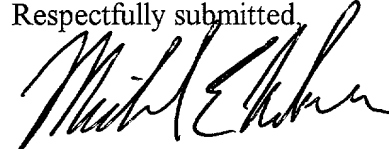
3. A magnetoresistive effect sensor according to claim 1, wherein said lower shield is  
made of a material of CoZrTa and CoZrTaCr alloy, as a base.

REMARKS

The amendment avoids multiple dependent claim language and does not  
introduce new matter.

Please proceed to examination on the merits.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael E. Whitham". The signature is fluid and cursive, with the first name "Michael" being more prominent.

Michael E. Whitham

Reg. No. 32,635

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Marked-Up Version of the Claims

Claim 3 (once amended). A magnetoresistive effect sensor according to claim 1 [or claim 2], wherein said lower shield is made of a material of CoZrTa and CoZrTaCr alloy, as a base.

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